

B/O Form PTO-1449 U.S. Department of Commerce Patent and Trademark Office Information Disclosure Statement by Applicant	Atty. Docket Number REF/FOSSHEIM/284	Serial Number 09/680,984
	Applicant FOSSHEIM et al.	
	Filing Date October 6, 2000	Group 16130

U.S. Patent Documents

Examiner Initial	Document Number	Date	Patentee/Applicant	Class	Subclass	Filing Date if Appropriate
XQW	4,136,683	1/30/79	Gordon Robert T.			
	4,914,608	4/3/90	Lebihan Denis et al.			
	5,631,141	5/20/97	Berns Michael W. et al.			
	5,190,039	3/2/93	Nagai Keiichi et al.			
XQW	5,720,939	2/24/98	Schroeder Ulf			

Foreign Patent Documents

Examiner Initial	Document Number	Publication Date	Country/Agency	Class	Subclass	Translation	
						Yes	No
XQW	WO 94 28874 A	12/22/94	WIPO				
	WO 96 40060 A	12/19/96	WIPO				
	WO 97 48337 A	12/24/97	WIPO				
	WO 97 40858 A	11/6/97	WIPO				
XQW	WO 94 27977 A	12/8/94	WIPO				Abstract only
	EP 0 447 013 A	3/12/91	WIPO				

Other Documents (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)

XQW	Alexander A.L. et al, "Microbubbles as Novel Pressure-Sensitive MR Contrast Agents", Magnetic Resonance in Medicine, 1 June 1996, XP000594132
	Aime S. et al., "A New Ytterbium Chelate as Contrast Agent in Chemical Shift Imaging and Temperature Sensitive Probe for MR Spectroscopy", Magnetic Resonance in Medicine, 1 May 1996, XP000587869
	Yekta Oezer A. et al., "Temperature- and pH-Sensitive Liposomes", European Journal of Pharmaceutics and Biopharmaceutics, 1 June 1993, XP000461847
	Williams G.D. et al., "Simultaneous Determination of Intracellular Magnesium and pH from the Three 31P NMR Chemical Shifts of ATP1", Analytical Biochemistry, 1 January 1993, XP002048884
XQW	Basic G. et al., "Oxygen Tension in a Murine Tumor: A Combined EPR and MRI Study", Magnetic Resonance in Medicine, 1 November 1993, XP000404196

Examiner

Lauren Q. Wells

Date Considered

1/30/02

EXAMINER: Initial if citation is considered, whether or not citation is in conformance with MPEP 609; Draw a line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

B/O Form PTO-1449 U.S. Department of Commerce Patent and Trademark Office Information Disclosure Statement by Applicant	Atty. Docket Number	Serial Number
	REF/FOSSHEIM/284	09/680/284
	Applicant	DEC 22 2000
	FOSHEIM et al.	DEC 27 2000
	Filing Date	Group
	October 6, 2000	1615

U.S. Patent Documents

Examiner Initial	Document Number	Date	Patentee/Applicant	Class	Subclass	Filing Date if Appropriate

Foreign Patent Documents

Examiner Initial	Document Number	Publication Date	Country/Agency	Class	Subclass	Translation	
						Yes	No

Other Documents (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)

XQW	I.A. Vitkin et al., "Magnetic resonance imaging of temperature changes during interstitial microwave heating: A phantom study", February 1997, Am. Assoc. Phys. Med.
	S.T. Clegg et al., "Verification of a hyperthermia model method using MR thermometry", 1995, Int. J. Hyperthermia
	K.J. Franklin et al., "Encapsulated liquid crystals as probes for remote thermometry", 1992, Int. J. Hyperthermia
	T.V. Samulski et al., "Application of new technology in clinical hyperthermia", 1994, Int. J. Hyperthermia
XQW	R.V. Mulkern et al., "Temperature monitoring of ultrasonically heated muscle with RARE chemical shift imaging", December 1997, Am. Assoc. Phys. Med.
	J.A. Moriarty et al., "MRI Monitoring of Interstitial Microwave-Induced Heating and Thermal Lesions in Rabbit Brain in Vivo",
XQW	T. Kahn et al., "In Vivo MRI Thermometry Using a Phase-Sensitive Sequence: Preliminary Experience During MRI-Guided Laser-Induced Interstitial Thermo-therapy of Brain Tumors", 1998, JMRI
	W. Wlodarczyk et al., "Three-Dimensional Monitoring of Small Temperature Changes for Therapeutic Hyperthermia Using MR", 1998, JMRI
	John DePoorter, "Noninvasive MRI thermometry with the Proton Resonance Frequency Method: Study of Susceptibility Effects", 1995, MRM
	H.J. Schwarzmaier et al., "Magnetic Resonance Imaging of Microwave Induced Tissue Heating", 1995, MRM
	J. DePoorter et al., "Noninvasive MRI Thermometry with the Proton Resonance Frequency (PRF) Method: In Vivo Results in Human Muscle", 1995, MRM
XQW	F.K. Wacker et al., "Vascular Lesions in Children: Percutaneous MR Imaging-Guided Interstitial Nd:YAG Laser Therapy-Preliminary Experience", 1998, Radiology

Examiner

Laura D. Wells

Date Considered

1/30/02

EXAMINER: Initial if citation is considered, whether or not citation is in conformance with MPEP 609; Draw a line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

B/O Form PTO-1449 U.S. Department of Commerce Patent and Trademark Office Information Disclosure Statement by Applicant	Atty. Docket Number REF/FOSSHEIM/284	Serial Number 09/680,284
	Applicant FOSSHEIM et al.	
	Filing Date October 6, 2000	Group 1615

U.S. Patent Documents

Examiner Initial	Document Number	Date	Patentee/Applicant	Class	Subclass	Filing Date if Appropriate

Foreign Patent Documents

Examiner Initial	Document Number	Publication Date	Country/Agency	Class	Subclass	Translation	
						Yes	No

Other Documents (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)

<i>XQW</i>	Thomas Kahn et al., "Preliminary Experience with the Application of Gadolinium-DTPA Before MR Imaging-Guided Laser-Induced Interstitial Thermotherapy of Brain Tumors", 1997, ISMRM
	Rudolf Stollberger et al., "Temperature Monitoring of Interstitial Thermal Tissue Coagulation Using MR Phase Images", 1997, JMRI
	A. Shankaranarayanan et al., "Developing a Multichannel Temperature Probe for Interventional MRI", 1998, JMRI
	U.G. Mueller-Lisse et al., "Predictability of the Size of Laser-Induced Lesions in T1-Weighted MR Images Obtained During Interstitial Laser-Induced Thermotherapy of Benign Prostatic Hyperplasia", 1998, ISMRM
	H.J. Schwarzmaier et al., "Treatment Planning for MRI-Guided Laser-Induced Interstitial Thermotherapy of Brain Tumors-The Role of Blood Perfusion", 1998, JMRI
	R.V. Mulkern et al., "Tissue Temperature Monitoring with Multiple Gradient-Echo Imaging Sequences", 1998, ISMRM
	D.L. Carter et al., "Magnetic Resonance Thermometry During Hyperthermia for Human High-Grade Sarcoma", 1998, Int. J. Radiation Oncology Biol. Phys.
	M. Hentschel et al., "Non-invasive MR thermometry by 2D spectroscopic imaging of the Pr[MOE-DO3A] complex", 1998, Int. J. Hyperthermia
	T.J. Vogl et al., "Recurrent Nasopharyngeal Tumors: Preliminary Clinical Results with Interventional MR Imaging-controlled Laser-induced Thermotherapy", 1995, Radiology
<i>XQW</i>	C.S. Zuo et al., "NMR Temperature Measurements Using a Paramagnetic Lanthanide Complex", 1998, Journal of Magnetic Resonance

Examiner

Raven Q. Wells

Date Considered

1/30/02

EXAMINER: Initial if citation is considered, whether or not citation is in conformance with MPEP 609; Draw a line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.